

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L51	1	(rectifier and inductor and voltage near2 detector and controller and relay and node).dm.	US-PGPUB	OR	ON	2006/05/04 19:22

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4314	power near2 factor near2 correction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 17:25
L2	289430	voltage near3 (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 17:28
L3	282	1 SAME 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 17:28
L4	11117	(capacitor capacitive capacitance) near3 voltage near3 (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 17:50
L5	161	1 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 17:57
L6	23	5 and relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 17:51
L7	64314	(converter conversion) and relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:09
L8	504	7 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 17:52
L9	63	8 and (inrush rush spike surge) near2 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 17:52
L10	13	("4646222"   "4843533"   "5157574"   "5481451"   "5559685"   "5561596"   "5623399"   "5729450"   "5825639"   "6115270"   "6169672"   "6275393"   "6449181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 17:56
L11	91996	("361").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/05/04 17:57

## EAST Search History

L12	193	1 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:08
L13	260	361/15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:09
L14	145085	samsung adj electronics.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:03
L15	57	4 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:03
L16	5	("5038244"   "5537015"   "6700765"   "6788014"   "6900606").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 18:05
L17	10	("3991352"   "4093900"   "4672277"   "5291106"   "5471125"   "5814954"   "6331365"   "6369538"   "6611126"   "6653806").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 18:05
L18	1	("6900606").URPN.	USPAT	OR	ON	2006/05/04 18:07
L19	38	1 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:08
L20	2002	361/18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:10
L21	677	(converter conversion) and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:14
L22	30	4 and 21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:09
L23	31	1 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:10

## EAST Search History

L24	1237	361/23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:10
L25	7	1 and 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:11
L26	27	4 and 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:12
L27	645	361/91.1.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:12
L28	11	4 and 27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:12
L29	6	1 and 27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:13
L30	3159	361/111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:13
L31	24	1 and 30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:29
L32	49	4 and 30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:38
L33	453	(converter conversion) and 30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:56

## EAST Search History

L34	204	2 and 33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:28
L35	923	(363/37).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/04 18:37
L36	0	("02and35").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/04 18:28
L37	429	2 and 35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:29
L38	591	(363/49).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/04 18:37
L39	0	("02and38").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/04 18:37
L40	235	2 and 38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:42
L41	14999	(overvoltage voltage near2 surge voltage near2 transient voltage near2 spike) near3 protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:43
L42	244	4 and 41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 19:02
L43	1	("6804127").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/04 18:51
L44	13	("4646222"   "4843533"   "5157574"   "5481451"   "5559685"   "5561596"   "5623399"   "5729450"   "5825639"   "6115270"   "6169672"   "6275393"   "6449181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 18:56
L45	2057	(361/20,21,23,24,25,30-33).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/04 18:56
L46	351	(converter conversion power near2 factor near2 correction) and 45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:57
L47	9	4 and 46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:58

## EAST Search History

L48	8	1 and 45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 19:24
L49	25	4 and 45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 19:01
L50	170	1 and 41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 19:21
L51	1	(rectifier and inductor and voltage near2 detector and controller and relay and node).dm.	US-PGPUB	OR	ON	2006/05/04 19:23
L52	314	(361/20).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/04 19:23
L53	1	1 and 52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 19:25
L54	81	2 and 52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 19:24
L55	3	4 and 52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 19:25